

ASYNCHRONOUS RESAMPLING FOR DATA TRANSPORT

ABSTRACT OF THE DISCLOSURE

A data and clock signals from a source (12) are transmitted from a location (10)
5 to a distant location (40) together with a phase signal which estimates the difference in
phase between a data clock signal and a reference clock signal generated by a reference
clock (24) at location (10). At the second location (40), the phase signal is used to
address coefficients stored in a read only memory (56) which are used to condition a
resample or interpolate filter (50) which generates resampled data signals.